

Author Index

- Akar, C.A., see Wallace, W.C. (52) 201
 Akar, C.A., see Wallace, W.C. (52) 213
 Aktories, K., see Olenik, C. (52) 263
- Bae, K.W., see Park, H.T. (52) 318
 Banner, S.J., see Milton, I.D. (52) 17
 Barone, P., see Vallone, D. (52) 307
 Barrientos, A., Casademont, J., Cardellach, F., Estivill, X., Urbano-Marquez, A. and Nunes, V.
 Reduced steady-state levels of mitochondrial RNA and increased mitochondrial DNA amount in human brain with aging (52) 284
 Barth, H., see Olenik, C. (52) 263
 Belcher, S.M. and Howe, J.R.
 Characterization of RNA editing of the glutamate-receptor subunits GluR5 and GluR6 in granule cells during cerebellar development (52) 130
 Belzberg, A.J., see Oaklander, A.L. (52) 162
 Benfenati, F., see Vaccaro, P. (52) 1
 Black, S.M., see Macduff Sheehy, A. (52) 71
 Bönisch, H., see Brüss, M. (52) 257
 Borsu, L., see Presse, F. (52) 270
 Böttiger, B., see Gillardon, F. (52) 194
 Brüss, M., Pörzgen, P., Bryan-Lluka, L.J. and Bönisch, H.
 The rat norepinephrine transporter: molecular cloning from PC12 cells and functional expression (52) 257
 Bryan-Lluka, L.J., see Brüss, M. (52) 257
- Cardellach, F., see Barrientos, A. (52) 284
 Cardona, B., see Presse, F. (52) 270
 Casademont, J., see Barrientos, A. (52) 284
 Cesareni, G., see Vaccaro, P. (52) 1
 Chapell, R., see Leidenheimer, N.J. (52) 173
- Das, S., see Le, D. (52) 235
 Daude, N., see Lehmann, S. (52) 139
 Dautzenberg, F.M., see Sydow, S. (52) 182
 Dente, L., see Vaccaro, P. (52) 1
 Diaz-Laviada, I., see Galve-Roperh, I. (52) 90
 DiChiara, G., see Vallone, D. (52) 307
 Dikkes, P., see Le, D. (52) 235
 Dobi, A., Palkovits, M., Ring, M.A., Eitel, A., Palkovits, C.G., Lim, F. and V. Agoston, D.
 Sample and probe: a novel approach for identifying development-specific *cis*-elements of the enkephalin gene (52) 98
- Egan, J.M., see Wallace, W.C. (52) 213
 Ehrlich, M.E., see Ivkovic, S. (52) 62
- Eitel, A., see Dobi, A. (52) 98
 Erne, B., see Miescher, G.C. (52) 299
 Estivill, X., see Barrientos, A. (52) 284
- Ferracin, F., see Miescher, G.C. (52) 299
 Fray, A.E., see Milton, I.D. (52) 17
 Fukunari, A., see Kusuhara, H. (52) 151
- Galve-Roperh, I., Haro, A. and Díaz-Laviada, I.
 Induction of nerve growth factor synthesis by sphingomyelinase and ceramide in primary astrocyte cultures (52) 90
 Gillardon, F., Böttiger, B. and Hossmann, K.-A.
 Expression of nuclear redox factor *ref-1* in the rat hippocampus following global ischemia induced by cardiac arrest (52) 194
 Gnesutta, N., see Zippel, R. (52) 170
 Goguen, D.M., see Kumar, V. (52) 242
 Grant, A.L. and Wisden, W.
 DNA regions supporting *hippocalcin* gene expression in cell lines (52) 323
 Gray, A.T., Leonoudakis, D.J. and Spencer Yost, C.
 An active-site histidine of NR1/2C mediates voltage-independent inhibition by zinc (52) 157
 Greengard, P., see Vaccaro, P. (52) 1
 Guido, M.E., see Kumar, V. (52) 242
- Haro, A., see Galve-Roperh, I. (52) 90
 Harris, D.A., see Lehmann, S. (52) 139
 Hatt, H., see Temkin, R. (52) 38
 Horne, C.H.W., see Milton, I.D. (52) 17
 Hossmann, K.-A., see Gillardon, F. (52) 194
 Howe, J.R., see Belcher, S.M. (52) 130
 Huber, S., see Miescher, G.C. (52) 299
 Huotari, V., see Korhonen, P. (52) 330
- Ikegami, F., see Kusama-Eguchi, K. (52) 166
 Ince, P.G., see Milton, I.D. (52) 17
 Inoue, M., see Koike, K. (52) 326
 Ishihara-Sugano, M. and Nakae, H.
 Developmentally regulated mRNA splicing of clathrin assembly protein 3 (AP-3) (52) 290
 Ivkovic, S., Kanazir, S., Rakic, L., Ehrlich, M.E. and Ruzdijic, S.
 Enhanced serum response element binding activity correlates with down-regulation of *c-fos* mRNA expression in the rat brain following repeated cortical lesions (52) 62
- Jensen, P., see Temkin, R. (52) 38
 Just, I., see Olenik, C. (52) 263
- Kanazir, S., see Ivkovic, S. (52) 62
 Kang, E.K., see Park, H.T. (52) 318
 Kenney, A.M. and Kocsis, J.D.
 Temporal variability of *jun* family transcription factor levels in peripherally or centrally transected adult rat dorsal root ganglia (52) 53
 Kikuchi, T., see Sunayashiki-Kusuzaki, K. (52) 112
 Kiyama, H., see Koike, K. (52) 326
 Kocsis, J.D., see Kenney, A.M. (52) 53
 Koike, K., Sakamoto, Y., Kiyama, H., Masuhara, K., Miyake, A. and Inoue, M.
 Cytokine-induced neutrophil chemoattractant gene expression in the rat hypothalamus by osmotic stimulation (52) 326
 Kolb, P.E., see Miller, M.A. (52) 121
 Kole, H.K., see Wallace, W.C. (52) 213
 Kondo, H., see Sakagami, H. (52) 249
 Korhonen, P., Huotari, V., Soininen, H. and Salminen, A.
 Glutamate-induced changes in the DNA-binding complexes of transcription factor YY1 in cultured hippocampal and cerebellar granule cells (52) 330
 Kumar, V., Goguen, D.M., Guido, M.E. and Rusak, B.
 Melatonin does not influence the expression of *c-fos* in the suprachiasmatic nucleus of rats and hamsters (52) 242
 Kusama-Eguchi, K., Kusama, T., Ikegami, F., Lambein, F. and Watanabe, K.
 Inhibitory activity of a naturally occurring heterocyclic β -substituted alanine, β -(isoxazolin-5-on-4-yl)-l-alanine, on the L-glutamate/L-aspartate transporter (GLAST) expressed in *Xenopus* oocytes (52) 166
 Kusama, T., see Kusama-Eguchi, K. (52) 166
 Kusuhara, H., Fukunari, A., Matsuyuki, H. and Okumoto, T.
 Principal involvement of cyclooxygenase-1-derived prostaglandins in the *c-fos* expression of the rat hind brain following visceral stimulation with acetic acid (52) 151
- LaFlamme, K.D., see Petersen, S.L. (52) 32
 Lambein, F., see Kusama-Eguchi, K. (52) 166
 Le, D., Das, S., Wang, Y.F., Yoshizawa, T., Sasaki, Y.F., Takasu, M., Nemes, A., Mendelsohn, M., Dikkes, P., Lipton, S.A. and Nakanishi, N.

Author Index

- Akar, C.A., see Wallace, W.C. (52) 201
Akar, C.A., see Wallace, W.C. (52) 213
Aktories, K., see Olenik, C. (52) 263
- Bae, K.W., see Park, H.T. (52) 318
Banner, S.J., see Milton, I.D. (52) 17
Barone, P., see Vallone, D. (52) 307
Barrientos, A., Casademont, J., Cardellach, F., Estivill, X., Urbano-Marquez, A. and Nunes, V.
Reduced steady-state levels of mitochondrial RNA and increased mitochondrial DNA amount in human brain with aging (52) 284
Barth, H., see Olenik, C. (52) 263
Belcher, S.M. and Howe, J.R.
Characterization of RNA editing of the glutamate-receptor subunits GluR5 and GluR6 in granule cells during cerebellar development (52) 130
Belzberg, A.J., see Oaklander, A.L. (52) 162
Benfenati, F., see Vaccaro, P. (52) 1
Black, S.M., see Macduff Sheehy, A. (52) 71
Bönisch, H., see Brüss, M. (52) 257
Borsu, L., see Presse, F. (52) 270
Böttiger, B., see Gillardon, F. (52) 194
Brüss, M., Pörzgen, P., Bryan-Lluka, L.J. and Bönisch, H.
The rat norepinephrine transporter: molecular cloning from PC12 cells and functional expression (52) 257
Bryan-Lluka, L.J., see Brüss, M. (52) 257
- Cardellach, F., see Barrientos, A. (52) 284
Cardona, B., see Presse, F. (52) 270
Casademont, J., see Barrientos, A. (52) 284
Cesareni, G., see Vaccaro, P. (52) 1
Chapell, R., see Leidenheimer, N.J. (52) 173
- Das, S., see Le, D. (52) 235
Daude, N., see Lehmann, S. (52) 139
Dautzenberg, F.M., see Sydow, S. (52) 182
Dente, L., see Vaccaro, P. (52) 1
Diaz-Laviada, I., see Galve-Roperh, I. (52) 90
DiChiara, G., see Vallone, D. (52) 307
Dikkes, P., see Le, D. (52) 235
Dobi, A., Palkovits, M., Ring, M.A., Eitel, A., Palkovits, C.G., Lim, F. and V. Agoston, D.
Sample and probe: a novel approach for identifying development-specific *cis*-elements of the enkephalin gene (52) 98
- Egan, J.M., see Wallace, W.C. (52) 213
Ehrlich, M.E., see Ivkovic, S. (52) 62
- Eitel, A., see Dobi, A. (52) 98
Erne, B., see Miescher, G.C. (52) 299
Estivill, X., see Barrientos, A. (52) 284
- Ferracin, F., see Miescher, G.C. (52) 299
Fray, A.E., see Milton, I.D. (52) 17
Fukunari, A., see Kusuhara, H. (52) 151
- Galve-Roperh, I., Haro, A. and Díaz-Laviada, I.
Induction of nerve growth factor synthesis by sphingomyelinase and ceramide in primary astrocyte cultures (52) 90
Gillardon, F., Böttiger, B. and Hossmann, K.-A.
Expression of nuclear redox factor *ref-1* in the rat hippocampus following global ischemia induced by cardiac arrest (52) 194
Gnesutta, N., see Zippel, R. (52) 170
Goguen, D.M., see Kumar, V. (52) 242
Grant, A.L. and Wisden, W.
DNA regions supporting *hippocalcin* gene expression in cell lines (52) 323
Gray, A.T., Leonoudakis, D.J. and Spencer Yost, C.
An active-site histidine of NR1/2C mediates voltage-independent inhibition by zinc (52) 157
Greengard, P., see Vaccaro, P. (52) 1
Guido, M.E., see Kumar, V. (52) 242
- Haro, A., see Galve-Roperh, I. (52) 90
Harris, D.A., see Lehmann, S. (52) 139
Hatt, H., see Temkin, R. (52) 38
Horne, C.H.W., see Milton, I.D. (52) 17
Hossmann, K.-A., see Gillardon, F. (52) 194
Howe, J.R., see Belcher, S.M. (52) 130
Huber, S., see Miescher, G.C. (52) 299
Huotari, V., see Korhonen, P. (52) 330
- Ikegami, F., see Kusama-Eguchi, K. (52) 166
Ince, P.G., see Milton, I.D. (52) 17
Inoue, M., see Koike, K. (52) 326
Ishihara-Sugano, M. and Nakae, H.
Developmentally regulated mRNA splicing of clathrin assembly protein 3 (AP-3) (52) 290
- Ivkovic, S., Kanazir, S., Rakic, L., Ehrlich, M.E. and Ruzdijic, S.
Enhanced serum response element binding activity correlates with down-regulation of *c-fos* mRNA expression in the rat brain following repeated cortical lesions (52) 62
- Jensen, P., see Temkin, R. (52) 38
Just, I., see Olenik, C. (52) 263
- Kanazir, S., see Ivkovic, S. (52) 62
Kang, E.K., see Park, H.T. (52) 318
Kenney, A.M. and Kocsis, J.D.
Temporal variability of *jun* family transcription factor levels in peripherally or centrally transected adult rat dorsal root ganglia (52) 53
Kikuchi, T., see Sunayashiki-Kusuzaki, K. (52) 112
Kiyama, H., see Koike, K. (52) 326
Kocsis, J.D., see Kenney, A.M. (52) 53
Koike, K., Sakamoto, Y., Kiyama, H., Masuhara, K., Miyake, A. and Inoue, M.
Cytokine-induced neutrophil chemoattractant gene expression in the rat hypothalamus by osmotic stimulation (52) 326
Kolb, P.E., see Miller, M.A. (52) 121
Kole, H.K., see Wallace, W.C. (52) 213
Kondo, H., see Sakagami, H. (52) 249
Korhonen, P., Huotari, V., Soininen, H. and Salminen, A.
Glutamate-induced changes in the DNA-binding complexes of transcription factor YY1 in cultured hippocampal and cerebellar granule cells (52) 330
Kumar, V., Goguen, D.M., Guido, M.E. and Rusak, B.
Melatonin does not influence the expression of *c-fos* in the suprachiasmatic nucleus of rats and hamsters (52) 242
Kusama-Eguchi, K., Kusama, T., Ikegami, F., Lambein, F. and Watanabe, K.
Inhibitory activity of a naturally occurring heterocyclic β -substituted alanine, β -(isoxazolin-5-on-4-yl)-l-alanine, on the L-glutamate/L-aspartate transporter (GLAST) expressed in *Xenopus* oocytes (52) 166
Kusama, T., see Kusama-Eguchi, K. (52) 166
Kusuhara, H., Fukunari, A., Matsuyuki, H. and Okumoto, T.
Principal involvement of cyclooxygenase-1-derived prostaglandins in the *c-fos* expression of the rat hind brain following visceral stimulation with acetic acid (52) 151
- LaFlamme, K.D., see Petersen, S.L. (52) 32
Lambein, F., see Kusama-Eguchi, K. (52) 166
Le, D., Das, S., Wang, Y.F., Yoshizawa, T., Sasaki, Y.F., Takasu, M., Nemes, A., Mendelsohn, M., Dikkes, P., Lipton, S.A. and Nakanishi, N.

- Enhanced neuronal death from focal ischemia in AMPA-receptor transgenic mice (52) 235
- Lee, S. and Rivier, C.
Alcohol increases the expression of type 1, but not type 2 α corticotropin-releasing factor (CRF) receptor messenger ribonucleic acid in the rat hypothalamus (52) 78
- Lehmann, S., Daude, N. and Harris, D.A.
A wild-type prion protein does not acquire properties of the scrapie isoform when co-expressed with a mutant prion protein in cultured cells (52) 139
- Leidenheimer, N.J. and Chapell, R.
Effects of PKC activation and receptor desensitization on neurosteroid modulation of GABA_A receptors (52) 173
- Leonoudakis, D.J., see Gray, A.T. (52) 157
- Lim, F., see Dobi, A. (52) 98
- Lipton, S.A., see Le, D. (52) 235
- Lowe, D., see Temkin, R. (52) 38
- Lu, L. and Ordway, G.A.
 α_{2C} -Adrenoceptors mediate inhibition of forskolin-stimulated cAMP production in rat striatum (52) 228
- Lützelshwab, R., see Miescher, G.C. (52) 299
- Lyons, W.E., see Wallace, W.C. (52) 201
- Lyons, W.E., see Wallace, W.C. (52) 213
- Macduff Sheehy, A., Phung, Y.T., Riemer, R.K. and Black, S.M.
Growth factor induction of nitric oxide synthase in rat pheochromocytoma cells (52) 71
- Mancinelli, E., see Zippel, R. (52) 170
- Martinelli, S., see Vaccaro, P. (52) 1
- Masuhara, K., see Koike, K. (52) 326
- Matsuoka, I., see Shishido, T. (52) 146
- Matsuyuki, H., see Kusuhashi, H. (52) 151
- Matus-Leibovitch, N., see Zippel, R. (52) 170
- Mendelsohn, M., see Le, D. (52) 235
- Meyer, D.K., see Olenik, C. (52) 263
- Miescher, G.C., Lützelshwab, R., Erne, B., Ferracin, F., Huber, S. and Steck, A.J.
Reciprocal expression of myelin-associated glycoprotein splice variants in the adult human peripheral and central nervous systems (52) 299
- Miller, M.A., Kolb, P.E. and Raskind, M.A.
GALR1 galanin receptor mRNA is co-expressed by galanin neurons but not cholinergic neurons in the rat basal forebrain (52) 121
- Milton, I.D., Banner, S.J., Ince, P.G., Piggott, N.H., Fray, A.E., Thatcher, N., Horne, C.H.W. and Shaw, P.J.
Expression of the glial glutamate transporter EAAT2 in the human CNS: an immunohistochemical study (52) 17
- Miyake, A., see Koike, K. (52) 326
- Morelli, M., see Vallone, D. (52) 307
- Nahon, J.-L., see Presse, F. (52) 270
- Nakae, H., see Ishihara-Sugano, M. (52) 290
- Nakanishi, H., see Shishido, T. (52) 146
- Nakanishi, N., see Le, D. (52) 235
- Nemes, A., see Le, D. (52) 235
- Niwa, S.-I., see Shishido, T. (52) 146
- Nunes, V., see Barrientos, A. (52) 284
- Oaklander, A.L. and Belzberg, A.J.
Unilateral nerve injury down-regulates mRNA for Na⁺ channel *SCN10A* bilaterally in rat dorsal root ganglia (52) 162
- Okumoto, T., see Kusuhashi, H. (52) 151
- Olenik, C., Barth, H., Just, I., Aktories, K. and Meyer, D.K.
Gene expression of the small GTP-binding proteins RhoA, RhoB, Rac1, and Cdc42 in adult rat brain (52) 263
- Onofri, F., see Vaccaro, P. (52) 1
- Ordway, G.A., see Lu, L. (52) 228
- Palkovits, C.G., see Dobi, A. (52) 98
- Palkovits, M., see Dobi, A. (52) 98
- Park, H.T., Kang, E.K. and Bae, K.W.
Light regulates Homer mRNA expression in the rat suprachiasmatic nucleus (52) 318
- Pellecchia, M.T., see Vallone, D. (52) 307
- Petersen, S.L. and LaFlamme, K.D.
Progesterone increases levels of μ -opioid receptor mRNA in the preoptic area and arcuate nucleus of ovariectomized, estradiol-treated female rats (52) 32
- Phung, Y.T., see Macduff Sheehy, A. (52) 71
- Piggott, N.H., see Milton, I.D. (52) 17
- Pörzgen, P., see Brüss, M. (52) 257
- Presse, F., Cardona, B., Borsu, L. and Nahon, J.-L.
Lithium increases melanin-concentrating hormone mRNA stability and inhibits tyrosine hydroxylase gene expression in PC12 cells (52) 270
- Radulovic, J., see Sydow, S. (52) 182
- Rakic, L., see Ivkovic, S. (52) 62
- Raskind, M.A., see Miller, M.A. (52) 121
- Riemer, R.K., see Macduff Sheehy, A. (52) 71
- Ring, M.A., see Dobi, A. (52) 98
- Rivier, C., see Lee, S. (52) 78
- Rusak, B., see Kumar, V. (52) 242
- Ruzdijic, S., see Ivkovic, S. (52) 62
- Sakagami, H. and Kondo, H.
Molecular cloning and developmental expression of a rat homologue of death-associated protein kinase in the nervous system (52) 249
- Sakamoto, Y., see Koike, K. (52) 326
- Salminen, A., see Korhonen, P. (52) 330
- Salzet, M. and Stefano, G.
Prodynorphin in invertebrates (52) 46
- Sasaki, Y.F., see Le, D. (52) 235
- Saya, D., see Zippel, R. (52) 170
- Shaw, P.J., see Milton, I.D. (52) 17
- Shinohara, T., see Sunayashiki-Kusuzaki, K. (52) 112
- Shishido, T., Watanabe, Y., Matsuoka, I., H. Nakanishi and Niwa, S.-I.
Acute methamphetamine administration increases tyrosine hydroxylase mRNA levels in the rat locus coeruleus (52) 146
- Smith, D.O., see Temkin, R. (52) 38
- Soininen, H., see Korhonen, P. (52) 330
- Spencer Yost, C., see Gray, A.T. (52) 157
- Spiess, J., see Sydow, S. (52) 182
- Steck, A.J., see Miescher, G.C. (52) 299
- Stefano, G., see Salzet, M. (52) 46
- Sturani, E., see Zippel, R. (52) 170
- Sunayashiki-Kusuzaki, K., Kikuchi, T., Wawrousek, E.F. and Shinohara, T.
Arrestin and phosducin are expressed in a small number of brain cells (52) 112
- Sydow, S., Radulovic, J., Dautzenberg, F.M. and Spiess, J.
Structure-function relationship of different domains of the rat corticotropin-releasing factor receptor (52) 182
- Takasu, M., see Le, D. (52) 235
- Temkin, R., Lowe, D., Jensen, P., Hatt, H. and Smith, D.O.
Expression of glutamate receptor subunits in α -motoneurons (52) 38
- Thatcher, N., see Milton, I.D. (52) 17
- Urbano-Marquez, A., see Barrientos, A. (52) 284
- Vaccaro, P., Dente, L., Onofri, F., Zucconi, A., Martinelli, S., Valtorta, F., Greengard, P., Cesareni, G. and Benfenati, F.
Anti-synapsin monoclonal antibodies: epitope mapping and inhibitory effects on phosphorylation and Grb2 binding (52) 1
- V. Agoston, D., see Dobi, A. (52) 98
- Vallone, D., Pellecchia, M.T., Morelli, M., Verde, P., DiChiara, G. and Barone, P.
Behavioural sensitization in 6-hydroxydopamine-lesioned rats is related to compositional changes of the AP-1 transcription factor: evidence for induction of FosB- and JunD-related proteins (52) 307
- Valtorta, F., see Vaccaro, P. (52) 1
- Verde, P., see Vallone, D. (52) 307
- Vogel, Z., see Zippel, R. (52) 170
- Wallace, W.C., Akar, C.A. and Lyons, W.E.
Amyloid precursor protein potentiates the neurotrophic activity of NGF (52) 201
- Wallace, W.C., Akar, C.A., Lyons, W.E., Kole, H.K., Egan, J.M. and Wolozin, B.
Amyloid precursor protein requires the insulin signaling pathway for neurotrophic activity (52) 213
- Wang, Y.F., see Le, D. (52) 235
- Watanabe, K., see Kusama-Eguchi, K. (52) 166
- Watanabe, Y., see Shishido, T. (52) 146
- Wawrousek, E.F., see Sunayashiki-Kusuzaki, K. (52) 112
- Wisden, W., see Grant, A.L. (52) 323
- Wolozin, B., see Wallace, W.C. (52) 213
- Yoshizawa, T., see Le, D. (52) 235
- Zippel, R., Gnesutta, N., Matus-Leibovitch, N., Mancinelli, E., Saya, D., Vogel, Z. and Sturani, E.
Ras-GRF, the activator of Ras, is expressed preferentially in mature neurons of the central nervous system. [This article was published in Mol. Brain Res. 48/1 (1997) 140-144] (52) 170
- Zucconi, A., see Vaccaro, P. (52) 1